

Graphics beyond the main compositor

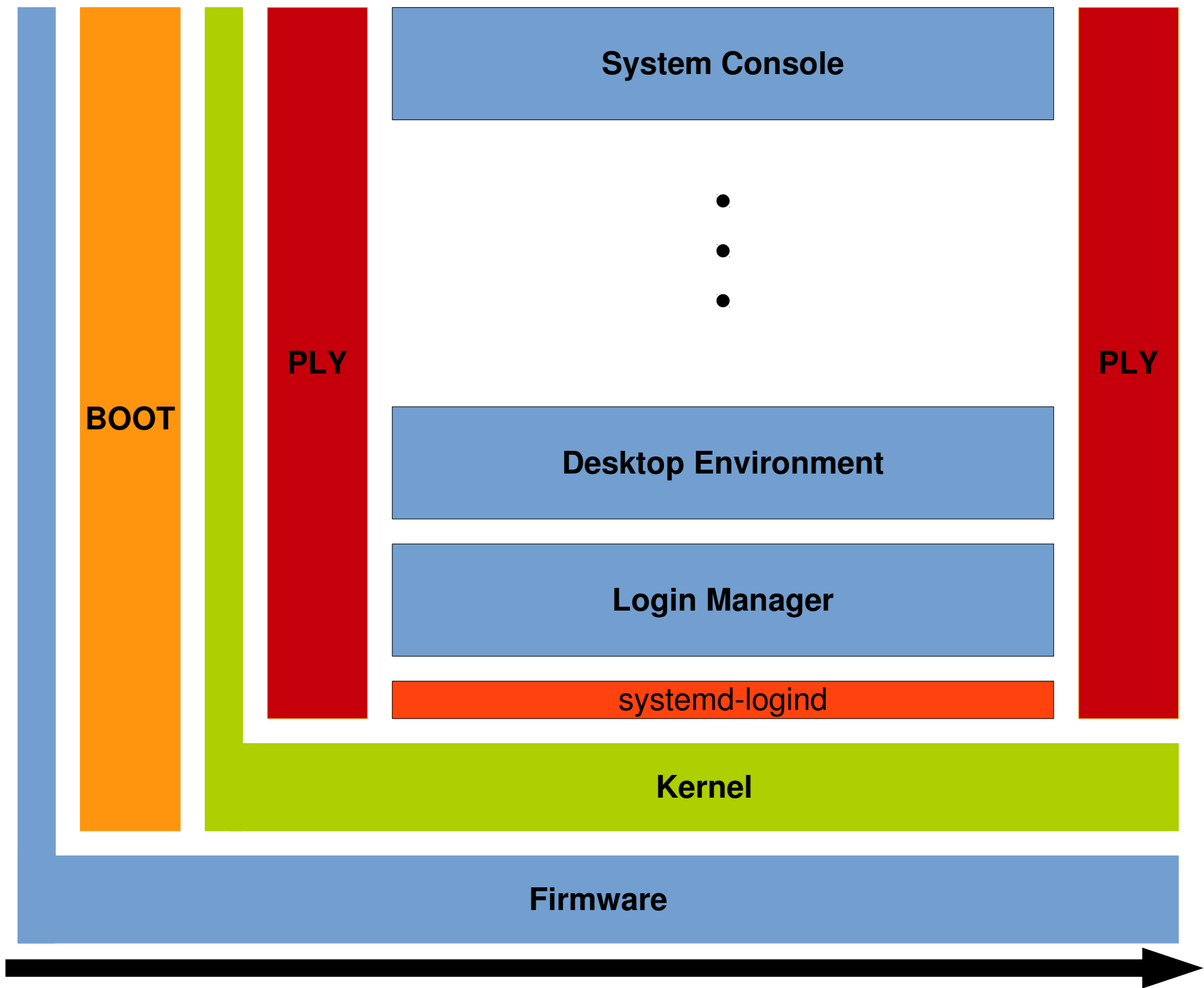
“Happy Place”

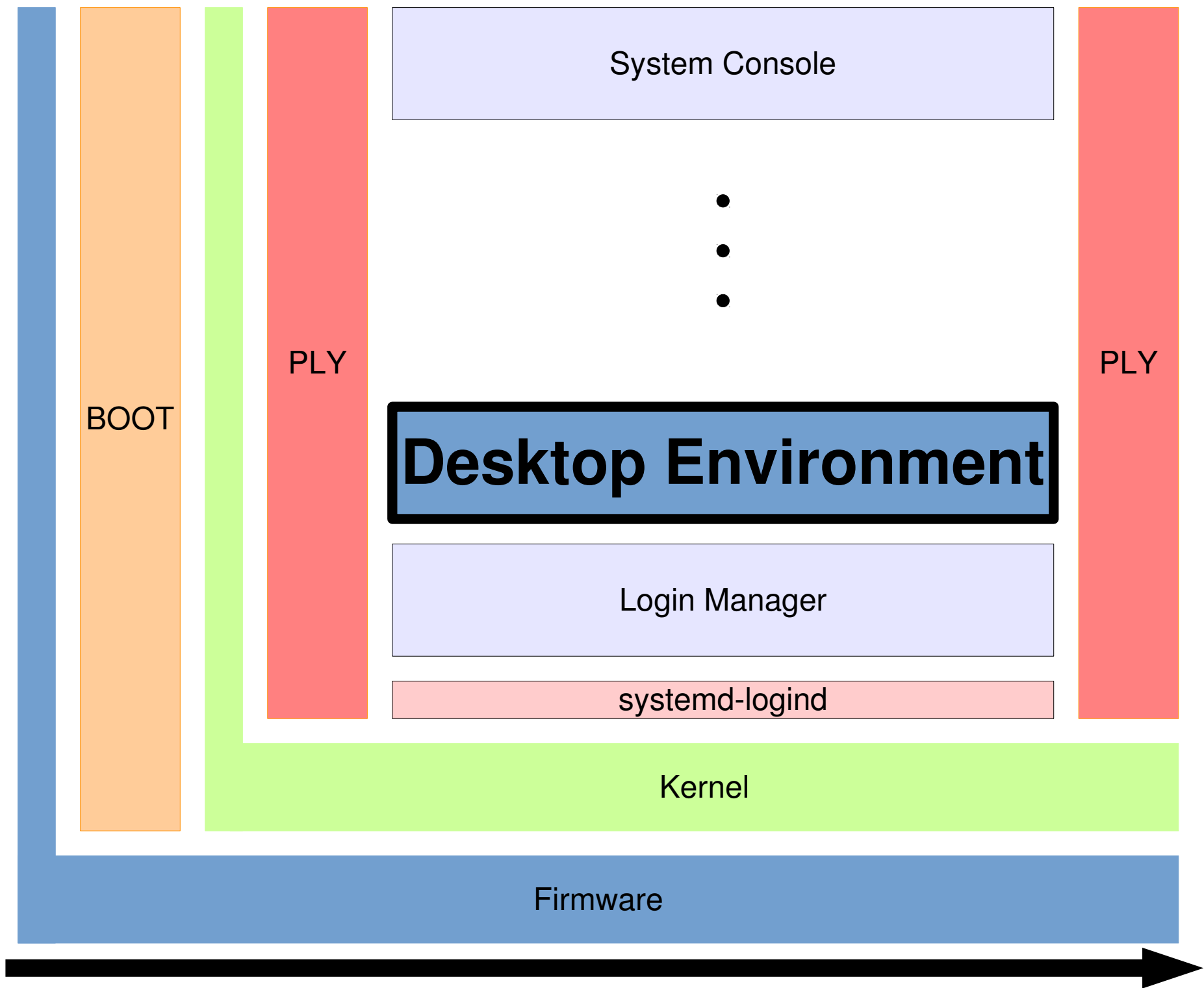
- no complex hardware
- trivial software rendering
- no external vendor libraries
- no timing issues

“Happy Place”

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..so I was told.





Hide!

Functionality vs. Eye-candy

- “Branding” / eye-candy
- Passwords / Options
- Debugging / Error handling

Branding

- Distraction, not attraction

Branding

- Distraction, not attraction
- Branding is crucial

Debugging / Error-Handling

- Universal Console + System-log

Debugging / Error-Handling

- Universal Console + System-log
 - drmlog

Debugging / Error-Handling

- Universal Console + System-log
 - drmlog
 - systemd-emergencyd
 - systemd-consoled

User-Interaction

- polkit et. al.

User-Interaction

- polkit et. al.
 - SAK

Challenges

“Every frame is perfect”
(wayland style)

“Every frame is perfect”
(*wayland style*)

BROKEN

software-rendering

software-rendering

DONE

hardware-handover

hardware handover

DONE

Multi GPU

Multi GPU

DONE

Internationalization and Accessibility

Internationalization
and
Accessibility

PARTLY

Global Hotkeys

Global Hotkeys

BROKEN

Non KMS?

